

[NAME OF DOCUMENT] Specification

[TITLE OF THE INVENTION]

Electrically Conducting Carbon Composite Powder

[SCOPE OF CLAIM FOR PATENT]

[Claim 1] An electrically conducting carbon composite powder for supporting a catalyst, comprising carbon black having mixed therewith fibrous carbon.

[Claim 2] The electrically conducting carbon composite powder for supporting a catalyst as claimed in claim 1, wherein the fibrous carbon is vapor grown carbon fiber.

[Claim 3] The electrically conducting carbon composite powder for supporting a catalyst as claimed in claim 2, wherein from 1 to 7% by mass of vapor grown carbon fiber is mixed with carbon black.

[Claim 4] The electrically conducting carbon composite powder for supporting a catalyst as claimed in any one of claims 1 to 3, wherein the carbon black is heat-treated at a temperature of 2,500°C or more.

[Claim 5] The electrically conducting carbon composite powder for supporting a catalyst as claimed in claim 4, wherein the carbon black comprises from 0.1 to 5% by mass of boron.

[Claim 6] The electrically conducting carbon composite powder for supporting a catalyst as claimed in